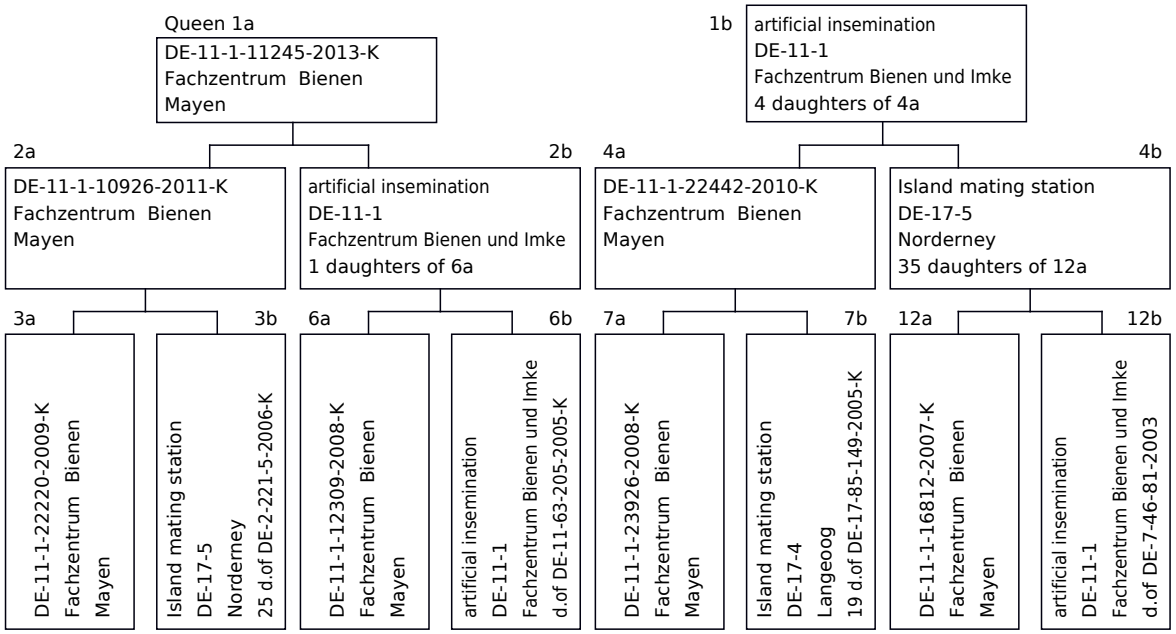
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-11245-2013-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Bonn, Uni, Bonn, DE-11-19, Apiary 19	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-11245-2013-K**	
		Daughters of
Race line: -72	Sign: red 45	Queen: 0.6%
Generation: 5	Hatch date: 04.06.2013	Workers: 1.1%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	16.6	53.9	14	15	30.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	130	
Honey yield	-	103	0.44
Defensive behavior	3.60	114	0.64
Steadiness on comb	3.60	110	0.66
Swarming drive	4	104	0.44
Varroa	-	147	0.54
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

70% 100% 170%

[1]In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class Av
Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

02.06.2015

For the correctness DE-11

Breeding selection report DE-11-1-11245-2013-K

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Performance of the sisters

Amount of checked sisters: 13

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-11-1-12819-2013-K	DE-2-187	3	110		101		101		100		102	(117)	
DE-11-1-11242-2013	DE-11-1	5	114		92		102		98		92	134	
DE-11-1-11960-2013-K	DE-11-1	5	116		102		110		109		86	128	
DE-11-1-11248-2013-K	DE-11-1	13	114		113		111		111		105	112	
DE-11-1-11249-2013-K	DE-11-1	13	123		117		122		122		110	119	
DE-11-1-12836-2013-K	DE-11-1	13	115		111		102		100		97	126	
DE-11-1-11243-2013-K	DE-11-1	17	110		113		103		104		102	110	
DE-11-1-11244-2013	DE-11-1	17	112		103		104		103		96	122	
DE-11-1-12841-2013	DE-11-1	20	127		118		121		120		103	129	
DE-11-1-12842-2013	DE-11-1	20	107		108		104		105		98	108	
DE-11-1-11245-2013-K	DE-11-19	19	130	16.6	103	3.6	114	3.6	110	4	104	147	
DE-11-1-11247-2013-K	DE-11-19	19	125	32.2	110	3.6	114	3.5	112	4	102	133	
DE-11-1-11957-2013	DE-17-27	2	113		108		99		98		96	125	